VGN-AW220J/B

VAIO® AW Series Notebook

Stunning 18.4"[6] Full HD masterpiece.

POWERFUL PERFORMANCE

Enjoy the powerful performance of an Intel® Core™ 2 Duo T6400 processor (2.0GHz[1]) with Intel® Centrino® processor technology and 4GB of pre-installed system memory.

The VAIO® AW notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[5].

Tackle virtually any graphics requirement with a NVIDIA® GeForce® 9600M GT graphics card and 512MB of dedicated video RAM.

Store your digital photos, videos and important documents on the roomy 400GB[2] Serial ATA hard disk drive.

BORN FROM SONY® HD TECHNOLOGY.

An 18.4"[6] extra-widescreen display with stunning XBRITE-FullHD™ LCD technology delivers dazzling colors and stunning picture clarity in full 1080p high definition.

A Blu-ray Disc™ optical drive lets you playback[4] Blu-ray Disc™ movies in full 1080p resolution.

Immersing you in sound and bringing your HD movies to life, the AW Series notebook includes Dolby Home Theater® surround sound technology.

An HDMI™ output provides single-cable full 1080p connectivity (audio and video) to a compatible HDTV (cable sold separately)[16].

ENDLESS FEATURES

A built-in CompactFlash® media slot lets you quickly and easily transfer files between your digital camera and PC.

Integrated Stereo A2DP Bluetooth® technology[15] allows you to wirelessly connect to useful peripherals and stream CD-quality audio to compatible devices.

Editing digital video and images is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automaticallydone for you.

The VAIO® AW notebook is an HD multimedia powerhouse boasting an 18.4" extra-widescreen display[6] with XBRITE-FullHD™ LCD technology. Designed to maximize LCD space while minimizing chassis size, this user-friendly notebook packs a powerful punch with Blu-ray Disc™ technology[4], external NVIDIA® graphics and Intel® Centrino® processor technology.

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VAIO® AW Series Notebook

Specifications

General

Computer Type: Notebook
Type of Use: Desktop Replacement
Action Buttons: S1, S2, Volume - / +, Mute, Play / Pause, Stop, Eject, WLAN / Bluetooth® on / off, A/V Mode
Pointing Device: Electro-Static touch pad
Security: Biometric Fingerprint Sensor

Hardware

Keyboard: QWERTY, 103 keys, 19.05 mm pitch, 2 mm stroke
Camera: Built-in 1.3 MP MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ 2 Duo processor T6400
Speed: 2GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 2MB
Technology: Intel® Centrino® processor technology

Memory

Installed: 4GB PC2-6400 (2GBx2)
Maximum: 8GB
Type / Speed: DDR2 / 800MHz

Hard Drive

Capacity: 400GB[2]
Speed: 5400rpm
Type: Serial ATA

Optical Drive

BD-R DL Read: 2x max.
BD-R Read: 2x max.
BD-RE DL Read: 2x max.
BD-RE Read: 2x max.
BD-ROM Read: 2x max.
Blu-ray Disc™ Support: Read Only[4] (BD-ROM)
CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: CompactFlash® media slot
One Memory Stick PRO™ (Standard / Duo) media slot with MagicGate® functionality
One ExpressCard® / 34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio with Dolby® Digital Live
Speakers (Total): Built-in stereo speakers + 2W subwoofer

Display

Screen Size: 18.4"[6]
Resolution: 1920 x 1080
XBRITE-FullHD™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 9600M GT GPU with Total Available Graphics Memory of 2280MB (max.)[10]
Video RAM: 512MB dedicated video RAM
Chipset: Mobile Intel® PM45 Express Chipset
Max. External Resolution via VGA: 2048x1536
Max. External Display Resolution via HDMI™ : 1920x1080
Max. External Resolution via DVI: 1920x1200

Inputs and Outputs

Modem Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]
Headphone Output(s): 1
Optical Audio Digital Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output(s): 1

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
Estimated Battery Life: 1.5 to 2.5 hours[14] Standard Capacity Battery
1.5 to 3.5 hours[14] Large Capacity Battery
Power Requirements: 150W + 10%
Input Voltage: 100-240V

Wireless / Networking

Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)[15]
Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[5]
Supplied Software: Microsoft® Works SE 9.0 w / 60-Day Trial Version of Microsoft® Office Home and Student 2007[13]
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus Software: Microsoft® Windows Live™ OneCare™ Trial Version[17]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[12].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[11]. See actual warranty for details.

Environmental Information

EPEAT™ : Silver
RoHS®: Compliant
For more information: www.sony.com/vaioeco

Dimensions

Weight: 8.2 lbs[7] (with standard capacity battery)
Measurements: 17.2"(W) x 1.45 - 1.56"(H) x 11.4"(D)[7,8]

Supplied Accessories

Power Cord
Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
AC Adapter (VGP-AC19V15)

Optional Accessories

Additional Standard Capacity Battery (VGP-BPS13A/B)
Large Capacity Battery (VGP-BPL13)
Deluxe Backpack (VGP-CCP5/L)
USB Laser Mouse (VGP-UMS55/B)
Bluetooth® Laser Mouse (VGP-BMS33/B)
Neoprene Case (VGP-AMC8)

Color: Premium Piano Black
UPC Code: 027242761186

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Certain circumstances may limit / prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
5. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point.
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
12. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
13. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
14. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
15. Interoperability and compatibility among Bluetooth® devices vary.
16. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
17. Microsoft® Windows Live™ OneCare™ Trial Version – This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and / or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
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